

Event Model:

Borrower submits a loan request

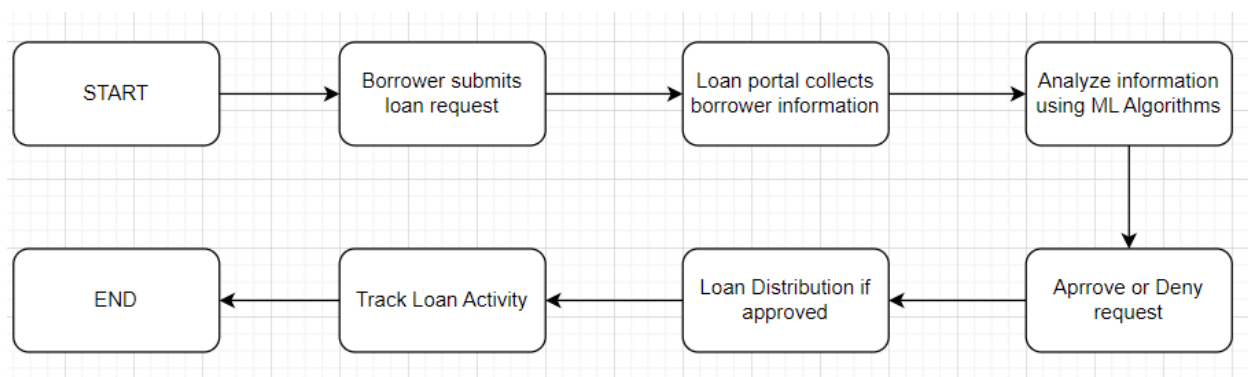
Loan portal collects borrower information

AI-based system analyzes borrower information using machine learning algorithms

AI-based system approves or denies loan request and notifies borrower

If loan request is approved, loan is distributed to the borrower

Loan tracking system tracks loan activity and provides reports to the financial institution

Activity Diagram:**Project Status Report – Week 7****Accomplishments to Date:**

- Improved the system's performance and accuracy through ongoing monitoring and improvement efforts.
- Successfully scaled the system to handle larger business loans, allowing the financial institution to expand its lending portfolio.
- Worked with the data team to enhance data analysis capabilities, providing more comprehensive and detailed reports to stakeholders.
- Provided ongoing training and support to end-users, helping them to effectively use and navigate the system.

- Ensured compliance with legal and regulatory requirements, including data security and privacy regulations.

Future Plans:

- Continue to monitor and improve the system's performance, with a focus on enhancing its ability to assess borrower creditworthiness and improve loan management processes.
- Explore the use of additional machine learning algorithms to further enhance the accuracy and efficiency of the loan approval process.
- Develop and implement additional features and functionality to meet evolving business needs and customer demands.
- Conduct regular user satisfaction surveys to gather feedback and identify areas for improvement.

Issues/Concerns:

- None at this time.